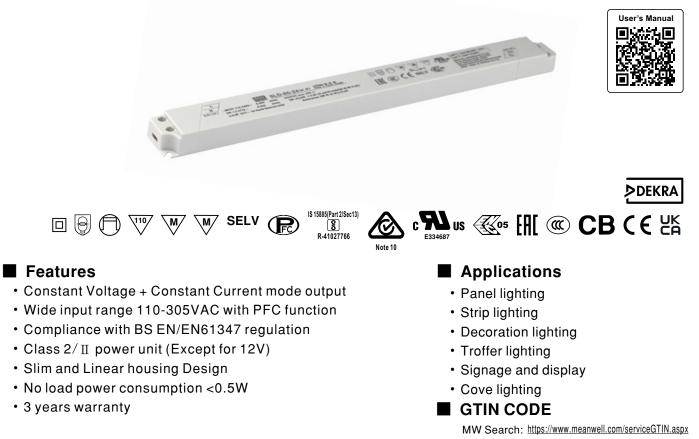


Наличие и актуальные цены на

## SLD-80-24

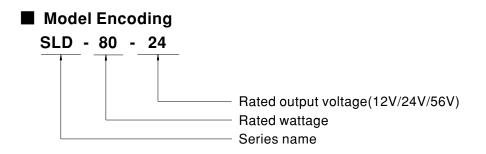
https://www.mean-well.ru/store/SLD-80-24/





### Description

SLD-80 series is a 80W AC/DC LED driver featuring the dual modes constant voltage and constant current output. SLD-80 operates from  $110 \sim 305$ VAC and offers models with different rated voltage ranging between 12V and 56V. Thanks to the high efficiency up to 92%, with the fanless design, the entire series is able to operate for  $-20^{\circ}$ C  $\sim +90^{\circ}$ C case temperature under free air convection. SLD-80 design with low profile and linear housing which is good for signage and linear luminaire applications.





# 

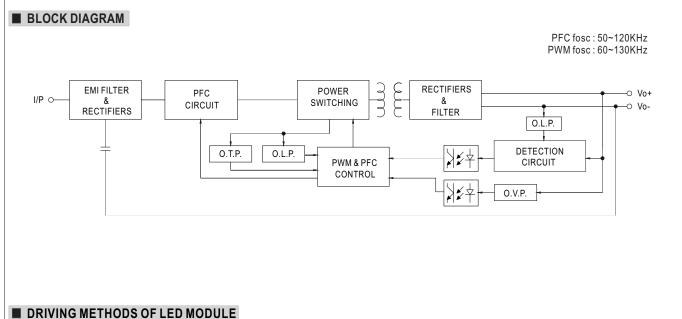
		SLD-80-12	SLD-8	0-24			
	DC VOLTAGE	12V	24V				
OUTPUT	CONSTANT CURRENT REGION Note.2	8.4~12V	16.8 ~2	16.8 ~24V			
	RATED CURRENT	6.6A	3.3A	3.3A			
	RATED POWER Note.5	79.2W	79.2W				
	RIPPLE & NOISE (max.) Note.3	150mVp-p	240mV	/p-p			
	VOLTAGE TOLERANCE Note.4	±4.0%	±3.0%				
	LINE REGULATION	±0.5%	±0.5%				
	LOAD REGULATION	±1.5%					
	SETUP, RISE TIME Note.6	500ms, 80ms 115VAC / 230VAC					
	HOLD UP TIME (Typ.)	10ms/230VAC 10ms/115VAC					
		110~ 305VAC 155~ 431VDC					
	VOLTAGE RANGE Note.5	(Please refer to "STATIC CHARACTERISTIC" section)					
	FREQUENCY RANGE	47~63Hz					
	POWER FACTOR	$PF \ge 0.97/115VAC, PF \ge 0.95/230VAC, PF \ge 0.92/277VAC@full load$ (Please refer to "POWER FACTOR (PF) CHARACTERISTIC" section)					
	TOTAL HARMONIC DISTORTION	THD<10%(@load≧60%/115VC,230VAC; @load≧75%/277VAC) (Please refer to "TOTAL HARMONIC DISTORTION(THD)" section)					
INPUT		`		)			
	EFFICIENCY (Typ.)	90.5%	91.5%				
	AC CURRENT	0.9A / 115VAC 0.45A / 230VAC 0.38A/277VAC					
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=270µs me	asured at 50% Ipeak) at 230VAC	C; Per NEMA 410			
	MAX. No. of PSUs on 16A	8 units (circuit breaker of type B) / 16	units (circuit breaker of type C	) at 230\/AC			
	CIRCUIT BREAKER			,			
	LEAKAGE CURRENT	<0.25mA / 277VAC					
	NO LOAD POWER CONSUMPTION	<0.5W					
		95~108%					
	OVER CURRENT	Constant current limiting or Hiccup mo	de, recovers automatically after f	ault condition is re	moved		
	SHORT CIRCUIT	Hiccup mode, recovers automatically					
PROTECTION		14 ~ 17V	28 ~ 34				
	OVER VOLTAGE			ŧV			
		Shut down output voltage, re-power of	•				
	OVER TEMPERATURE	Shut down output voltage, re-power of					
	WORKING TEMP.	Tcase=-20 ~ +90°C (Please refer to "	OUTPUT LOAD vs TEMPERAT	URE" section)			
	MAX. CASE TEMP.	Tcase=+90°C					
ENVIRONMENT	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
	STORAGE TEMP.	-40 ~ +80°C					
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)					
	VIBRATION	10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes					
		UL8750,CSA C22.2 No. 250.13-12, ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384,					
	SAFETY STANDARDS Note.8	EAC TP TC 004, GB19510.1,GB195	0.14, IS15885(Part2/Sec13),E	N60335-1 approve	d		
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC					
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°	C/70% RH				
	EMC EMISSION Note.8	Parameter	Standard		Test Level/Note		
			BS EN/EN55015(CISPR15	6).GB/T17743.			
		Conducted	BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR	14-1)			
		Conducted Radiated	EN IEC 55014-1 (CISPR BS EN/EN55015(CISPR15	14-1) 5) ,GB/T 17743,			
		Radiated	EN IEC 55014-1 (CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR	14-1) 5),GB/T 17743, 14-1)			
SAFFTV 2		Radiated Harmonic Current	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1	14-1) 5),GB/T 17743, 14-1)	  Class C @load≥60%		
		Radiated Harmonic Current Voltage Flicker	EN IEC 55014-1 (CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR	14-1) 5),GB/T 17743, 14-1)			
	EMC IMMUNITY	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 ,EN IEC 55014-2	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3	14-1) 5),GB/T 17743, 14-1)	  Class C @load≥60% 		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard	14-1) 5),GB/T 17743, 14-1)	 Class C @load≥60%  Test Level/Note		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2	14-1) 5),GB/T 17743, 14-1)	 Class C @load≥60%  <b>Test Level/Note</b> Level 3, 8KV air ; Level 2, 4KV contact		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 <b>Parameter</b> ESD Radiated	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3	14-1) 5),GB/T 17743, 14-1)	 Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 <b>Parameter</b> ESD Radiated EFT/Burst	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	14-1) 5),GB/T 17743, 14-1)	 Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 <b>Parameter</b> ESD Radiated EFT/Burst Surge	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5	14-1) 5),GB/T 17743, 14-1)	 Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 1KV/Line-Line		
SAFETY & EMC		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	14-1) 5),GB/T 17743, 14-1)	 Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 1KV/Line-Line Level 2		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	14-1) 5),GB/T 17743, 14-1)	 Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 Level 2 1KV/Line-Line		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	14-1) 5),GB/T 17743, 14-1)	Class C @load≥60%   Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 IKV/Line-Line Level 2 Level 2 IKV/Line-Line Level 2 Cover 2 C		
		Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	14-1) 5),GB/T 17743, 14-1)	Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 IKV/Line-Line Level 2 Ikuel 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 40% residual volatge for 10 periods ,		
	EMC IMMUNITY	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547 ,EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	14-1) ), GB/T 17743, 14-1) 7625.1	Class C @load≥60%       Test Level/Note     Level 3, 8KV air ; Level 2, 4KV contact     Level 2     Level 2     IKV/Line-Line     Level 2     Level 2     70% residual volatge for 10 periods ,     0% residual volatge for 10 periods ,     70% residual volatge for 10 periods ,     70% residual volatge for 25 periods		
EMC	EMC IMMUNITY MTBF	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547, EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions         2666.8K hrs min.	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11	14-1) ), GB/T 17743, 14-1) 7625.1	Class C @load≥60%       Test Level/Note     Level 3, 8KV air ; Level 2, 4KV contact     Level 2     Level 2     IKV/Line-Line     Level 2     Level 2     70% residual volatge for 10 periods ,     0% residual volatge for 10 periods ,     70% residual volatge for 10 periods ,     70% residual volatge for 25 periods		
EMC	EMC IMMUNITY MTBF DIMENSION	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 ,EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-33 320*30*16.8mm (L*W*H)	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-11 SE EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min.	14-1) ), GB/T 17743, 14-1) 7625.1	Class C @load≥60%       Test Level/Note     Level 3, 8KV air ; Level 2, 4KV contact     Level 2     Level 2     IKV/Line-Line     Level 2     Level 2     70% residual volatge for 10 periods ,     0% residual volatge for 10 periods ,     70% residual volatge for 10 periods ,     70% residual volatge for 25 periods		
OTHERS	EMC IMMUNITY MTBF DIMENSION PACKING	Radiated Harmonic Current Voltage Flicker BS EN/EN61547 ,EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-33 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CU	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min.	14-1) ), GB/T 17743, 14-1) 7625.1 MIL-HDBK-2	Class C @load≥60%       Test Level/Note     Level 3, 8KV air ; Level 2, 4KV contact     Level 2     Level 2     IKV/Line-Line     Level 2     Level 2     70% residual volatge for 10 periods ,     0% residual volatge for 10 periods ,     70% residual volatge for 10 periods ,     70% residual volatge for 25 periods		
EMC OTHERS	EMC IMMUNITY  MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC	Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-33 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CU tioned are measured at 230VAC input, rated c DS OF LED MODULE".	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min.	14-1) ), GB/T 17743, 14-1) 7625.1 MIL-HDBK-2 	Class C @load≥60%       Test Level/Note     Level 3, 8KV air ; Level 2, 4KV contact     Level 2     Level 2     IKV/Line-Line     Level 2     Level 2     70% residual volatge for 10 periods ,     0% residual volatge for 10 periods ,     70% residual volatge for 10 periods ,     70% residual volatge for 25 periods		
EMC OTHERS	EMC IMMUNITY  MTBF DIMENSION PACKING  1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 2	Radiated Harmonic Current Voltage Flicker BS EN/EN61547, EN IEC 55014-2 Parameter ESD Radiated EFT/Burst Surge Conducted Magnetic Field Voltage Dips and Interruptions 2666.8K hrs min. Telcordia SR-33 320*30*16.8mm (L*W*H) 0.206 Kg; 64pcs / 14.184Kg / 0.75CU tioned are measured at 230VAC input, rated c DS OF LED MOULE".	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8 BS EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min.	14-1) ), GB/T 17743, 14-1) 7625.1 MIL-HDBK-2 	Class C @load≥60%       Test Level/Note     Level 3, 8KV air ; Level 2, 4KV contact     Level 2     Level 2     IKV/Line-Line     Level 2     Level 2     70% residual volatge for 10 periods ,     0% residual volatge for 10 periods ,     70% residual volatge for 10 periods ,     70% residual volatge for 25 periods		
EMC OTHERS	EMC IMMUNITY  MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 22 4. Tolerance : includes set up toleran 5. De-rating may be needed under to	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547, EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions         2666.8K hrs min.         Telcordia SR-33         320*30*16.8mm (L*W*H)         0.206 Kg; 64pcs / 14.184Kg / 0.75CU         Conduction on load regulation.         Whtz of bandwidth by using a 12" twisted pair         ce, line regulation and load regulation.         winput voltages. Please refer to "STATIC CH/H	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min. FT rrent and 25°C of ambient temperatur wire terminated with a 0.1uf & 470f pa NRACTERISTIC" sections for details.	14-1) ), GB/T 17743, 14-1) 7625.1 MIL-HDBK-2 e. arallel capacitor.	Class C @load≥60%       Test Level/Note     Level 3, 8KV air ; Level 2, 4KV contact     Level 2     Level 2     IKV/Line-Line     Level 2     Level 2     70% residual volatge for 10 periods ,     0% residual volatge for 10 periods ,     70% residual volatge for 10 periods ,     70% residual volatge for 25 periods		
EMC	EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 2 4. Tolerance : includes set up toleran 5. De-rating may be needed under lc 6. Length of set up time is measured	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547, EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions         2666.8K hrs min.         Telcordia SR-33         320*30*16.8mm (L*W*H)         0.206 Kg; 64pcs / 14.184Kg / 0.75CL         bioned are measured at 230VAC input, rated c         DS OF LED MODULE".         DMHz of bandwidth by using a 12" twisted pair oe, line regulation.	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min.	14-1) ), GB/T 17743, 14-1) 7625.1 MIL-HDBK-2 MIL-HDBK-2 re. arallel capacitor.	Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 IKV/Line-Line Level 2 Level 2 To% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods 17F (25°C)		
EMC OTHERS	EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 2 4. Tolerance : includes set up toleran 5. De-rating may be needed under to 6. Length of set up time is measured 7. The driver is considered as a com complete installation, the final equit	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547, EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions         2666.8K hrs min.         2666.8K hrs min.         Telcordia SR-33         320*30*16.8mm (L*W*H)         0.206 Kg; 64pcs / 14.184Kg / 0.75CU         tioned are measured at 230VAC input, rated c         DS OF LED MODULE".         MHz of bandwidth by using a 12" twisted pair         ce, line regulation and load regulation.         winput voltages. Please refer to "STATIC CH#         a first cold start. Turning ON/OFF the driver r         ponent manufacturers must requalify EMC Dir	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min. FT urrent and 25°C of ambient temperatur wire terminated with a 0.1uf & 47uf pa RRACTERISTIC" sections for details. nay lead to increase of the set up timen final equipment. Since EMC perform	14-1) ), GB/T 17743, 14-1) 7625.1 MIL-HDBK-2 milel capacitor.	Class C @load≥60%  Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 IKV/Line-Line Level 2 Level 2 To% residual volatge for 10 periods , 0% residual volatge for 10 periods , 70% residual volatge for 25 periods 17F (25°C)		
OTHERS	EMC IMMUNITY  MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 21 4. Toplerance: includes set up tolerant 5. De-rating may be needed under IC 6. Length of set up time is measured 7. The driver is considered as a com complete installation, the final equi (as available on https://www.mean 8. This series meets the typical life expiration of the point of the priority of	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547, EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions         2666.8K hrs min.         Telcordia SR-33         320*30*16.8mm (L*W*H)         0.206 Kg; 64pcs / 14.184Kg / 0.75CU         toned are measurout LF*.         MHz of bandwidth by using a 12* twisted pair ce, line regulation and bad regulation.         w input voltages. Please refer to "STATIC CH/ at first cold start. Turning ON/OFF the driver roment that will be operated in combination with pment manufacturers must re-qualify EMC Dire well.com//Djoad/PDF/EML_statement_en.pdf)	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3 Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-11 2 (Bellcore) ; 260.9K hrs min. FT urrent and 25°C of ambient temperatur wire terminated with a 0.1uf & 47uf po NRACTERISTIC" sections for details. nay lead to increase of the set up time final equipment. Since EMC perform scrive on the complete installation agai case, particularly (to) point (or TMP, pe	14-1) ), GB/T 17743, 14-1) 7625.1 MIL-HDBK-2 MIL-HDBK-2 arallel capacitor.	Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 IKV/Line-Line Level 2 Level 2 Level 2 T0% residual volatge for 10 periods , 0% residual volatge for 10 periods , 17F (25°C) by the		
OTHERS	EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 2 4. Tolerance : includes set up toleran 5. De-rating may be needed under lc 6. Length of set up time is measured (as available on https://www.mean 8. This series meets the typical life ef 9. Please refer to the warranty statem 9. Please refer to the warranty statem	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547, EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions         2666.8K hrs min.         2666.8K hrs min.         Telcordia SR-33         320*30*16.8mm (L*W*H)         0.206 Kg; 64pcs / 14.184Kg / 0.75CU         toined are measured at 230VAC input, rated co         DS OF LED MODULE".         MHz of bandwidth by using a 12" twisted pair         ce, line regulation and load regulation.         winput voldsges. Please refer to "STATIC CH/4         affirst cold satt. Turning ON/OFF the driver r         ponent manufacturers must requalify EMC Dir         well.com/Upload/DF/EML statement_en.pdf)         pectancy of 30000 hours of operation when ther.         well.com/Upload/DF/EML statement_en.pdf)         pectancy of subste at http://www.r	EN IEC 55014-1(CISPR BS EN/EN55015(CISPR15 EN IEC 55014-1(CISPR BS EN/EN61000-3-2,GB1 BS EN/EN61000-3-3	14-1) ), GB/T 17743, 14-1) 7625.1       	Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 1KV/Line-Line Level 2 Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 40% residual volatge for 25 periods 17F (25°C) by the c or less.		
OTHERS	EMC IMMUNITY EMC IMMUNITY MTBF DIMENSION PACKING 1. All parameters NOT specially men 2. Please refer to "DRIVING METHC 3. Ripple & noise are measured at 2 4. Tolerance : includes set up toleran 5. De-rafig may be needed under to 6. Length of set up time is measured 7. The driver is considered as a com complete installation, the final equi (as available on https://www.mean 8. This series meets the typical life et 9. Please refer to the warranty stater 10. RCM is on a voluntary basis. No for commercial decoration/sign be	Radiated         Harmonic Current         Voltage Flicker         BS EN/EN61547, EN IEC 55014-2         Parameter         ESD         Radiated         EFT/Burst         Surge         Conducted         Magnetic Field         Voltage Dips and Interruptions         2666.8K hrs min.         Telcordia SR-33         320*30*16.8mm (L*W*H)         0.206 Kg; 64pcs / 14.184Kg / 0.75CU         time of bandwidth by using a 12" twisted pair ce, line regulation.         winput voltages. Please refer to "STATIC cHver ponent that will be operated in combination wit prent manufacturers must re-qualify EMC Dir         perchancy of 30000 hours of operation when Tent on MEAN WELL's website at http://www.r	EN IEC 55014-1(CISPR           BS EN/EN55015(CISPR15           EN IEC 55014-1(CISPR           BS EN/EN55015(CISPR15           EN IEC 55014-1(CISPR           BS EN/EN61000-3-2,GB1           BS EN/EN61000-3-3           Standard           BS EN/EN61000-4-2           BS EN/EN61000-4-2           BS EN/EN61000-4-3           BS EN/EN61000-4-4           BS EN/EN61000-4-5           BS EN/EN61000-4-6           BS EN/EN61000-4-7           BS EN/EN61000-4-8           BS EN/EN61000-4-11           Cleellcore);         260.9K hrs min.           FT           urrent and 25°C of ambient temperature           wire terminated with a 0.1uf & 47uf pr           NRACTERISTIC" sections for details.           nay lead to increase of the set up timen           nage appricularly (b) point (or TMP, pe           meanwell.com	14-1) ), GB/T 17743, 14-1) 7625.1	Class C @load≥60% Test Level/Note Level 3, 8KV air ; Level 2, 4KV contact Level 2 Level 2 1KV/Line-Line Level 2 1KV/Line-Line Level 2 70% residual volatge for 10 periods , 0% residual volatge for 10 periods , 17F (25°C) by the c or less. to be used		



### SPECIFICATION

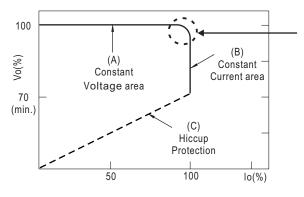
MODEL		SLD-80-56					
	RATED CURRENT	1400mA					
OUTPUT	RATED POWER Note.2	78.4W					
	CONSTANT CURRENT REGION Note.3						
	FULL POWER CURRENT RANGE						
	OPEN CIRCUIT VOLTAGE (max.)	60V					
	CURRENT ADJ. RANGE	700~2100mA					
	CURRENT RIPPLE	5.0%(@rated current)					
	CURRENT TOLERANCE	±5%					
	SET UP TIME Note.5	500ms/230VAC, 1200ms/115VAC					
		110 ~ 305VAC 155VDC ~ 431VDC					
INPUT	VOLTAGE RANGE Note.2	(Please refer to "STATIC CHARACTERISTIC" and " DRIVING METHODS OF LED MODULE"section)					
	FREQUENCY RANGE	47 ~ 63Hz					
		PF≥0.97 / 115VAC, PF≥0.95 / 230VAC, PF≥0.92 / 277VAC at full load					
	POWER FACTOR (Typ.)	(Please refer to "Power Factor Characteristic" section)					
		THD<10% (@ load $\geq$ 60% at 115VAC/230VAC, @load $\geq$ 75% at 277VAC)					
	TOTAL HARMONIC DISTORTION	Please refer to "TOTAL HARMONIC DISTORTION (THD)" section					
	EFFICIENCY (Typ.)	92.0%					
	AC CURRENT (Typ.)	0.9A / 115VAC 0.45A / 230VAC	0.38A/277VAC				
	INRUSH CURRENT(Typ.)	COLD START 50A(twidth=270µs measured	at 50% Ipeak) at 230VAC; Per NEMA 410				
	MAX. NO. of PSUs on 16A	9 unit/airauit brackar of tuna P) / 16 unita	(aircuit brooker of type C) at 220)/AC				
	CIRCUIT BREAKER	8 unit(circuit breaker of type B) / 16 units(circuit breaker of type C) at 230VAC					
	LEAKAGE CURRENT	<0.25mA / 277VAC					
	NO LOAD POWER CONSUMPTION	<0.5W					
		<0.5W 110~150%					
	OVER POWER	110 ~ 150% Hiccup mode, recovers automatically after fault condition is removed					
		Hiccup mode, recovers automatically aft					
PROTECTION	SHORT CIRCUIT	60 ~ 70V					
	OVER VOLTAGE						
		Shut down output voltage, re-power on to	-				
	OVER TEMPERATURE	Shut down output voltage, re-power on to					
	WORKING TEMP.	Tcase=-20 ~ +90°C (Please refer to "OUT	IPUT LOAD vs TEMPERATURE" section)				
	MAX. CASE TEMP.	Tcase=+90°C					
	WORKING HUMIDITY	20 ~ 95% RH non-condensing					
ENVIRONMENT	STORAGE TEMP.	-40 ~ +80°C					
	TEMP. COEFFICIENT	±0.03%/°C (0~60°C)					
	VIBRATION						
	VIDICATION	10 ~ 500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes					
	SAFETY STANDARDS Note.4	UL8750, CSA C22.2 No. 250.13-12, ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384,					
		EAC TP TC 004, GB19510.1,GB19510.14, IS15885(Part2/Sec13) ,EN60335-1 approved					
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC					
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH					
	EMC EMISSION Note.4	Parameter	Standard	Test Level/Note			
		Conducted	BS EN/EN55015(CISPR15), GB/T 17743,				
			EN IEC 55014-1(CISPR 14-1)				
		Radiated	BS EN/EN55015(CISPR15),GB/T 17743, EN IEC 55014-1(CISPR 14-1)				
		Harmonic Current	BS EN/EN61000-3-2 ,GB17625.1	Class C @load≥60%			
SAFETY &		Voltage Flicker	BS EN/EN61000-3-3				
EMC	EMC IMMUNITY	BS EN/EN61547 ,EN IEC 55014-2	1 DO LIN/LINUTUUU-3-3	<b>-</b>			
		Parameter	Standard	Test Level/Note			
		ESD	BS EN/EN61000-4-2	Level 3, 8KV air ; Level 2, 4KV contact			
		Radiated	BS EN/EN61000-4-2 BS EN/EN61000-4-3	Level 3, or v air ; Level 2, 4r v contact			
		EFT/Burst	BS EN/EN61000-4-4	Level 2 1KV/Line-Line			
		Surge Conducted	BS EN/EN61000-4-5 BS EN/EN61000-4-6				
		Magnetic Field	BS EN/EN61000-4-6 BS EN/EN61000-4-8	Level 2 Level 2			
				70% residual volatge for 10 periods,			
		Voltage Dips and Interruptions	BS EN/EN61000-4-11	0% residual volatge for 0.5 periods ,			
				40% residual volatge for 10 periods,			
				70% residual volatge for 25 periods			
OTHERS	MTBF	2666.8K hrs min. Telcordia SR-332 (E	Sellcore); 260.9K hrs min. MIL-HDBK-2	217F (25°C)			
	DIMENSION	320*30*16.8mm (L*W*H)					
	PACKING	0.206 Kg; 64pcs / 14.184Kg / 0.75CUFT					
IOTE		ntioned are measured at 230VAC input, rated o					
	<ol><li>Please refer to "DRIVING METH</li></ol>		0				
	4. This series meets the typical life	expectancy of 30000 hours of operation when 1	case, particularly (c) point (or TMP, per DLC), is at	oout 75°C or less.			
	6. The driver is considered as a cor	d at first cold start. Turning ON/OFF the driver in nponent that will be operated in combination wi	th final equipment. Since EMC performance will be	affected by the			
	complete installation, the final equ	mponent that will be operated in combination with final equipment. Since EMC performance will be affected by the uipment manufacturers must re-qualify EMC Directive on the complete installation again.					
	7. Ripple & noise are measured at 2	anwell.com//Upload/PDF/EMI_statement_en.pdf) 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.					
	8. Please refer to the warranty state	in the memory of					
	10. RCM is on a voluntary basis. No	on IC classification Independent LED control ge	C/1000m with fan models for operating altitude hig ar is not suitable for residential installations but reco				
		board/Luminaire lighting purpose.	w.meanwell.com/serviceDisclaimer.aspx				
	Ave Developed 12, 2, 22, Dr. 1, 2			File Name:SLD-80-SPEC 2024-0			





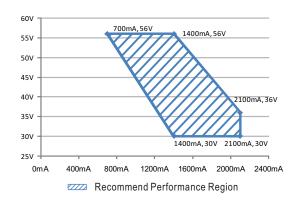
### ◎ SLD-80-12,24

% This series is able to work in either Constant Current mode (a direct drive way) or Constant Voltage mode (usually through additional DC/DC driver) to drive the LEDs.



Typical output current normalized by rated current (%)

### SLD-80-56



In the constant current region, the highest voltage at the output of the driver depends on the configuration of the end systems.

Should there be any compatibility issues, please contact MEAN WELL.



